

FIG. 1

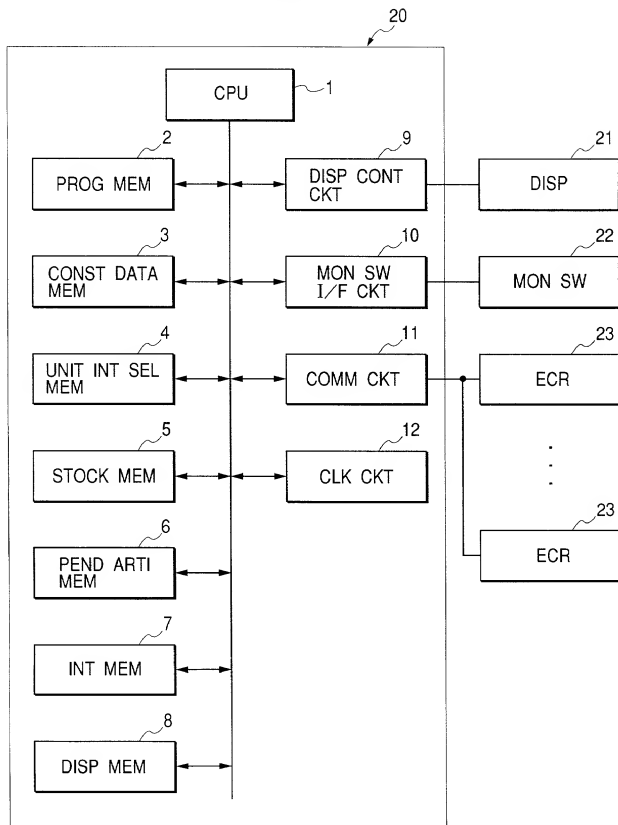


FIG. 2A



FIG. 2B

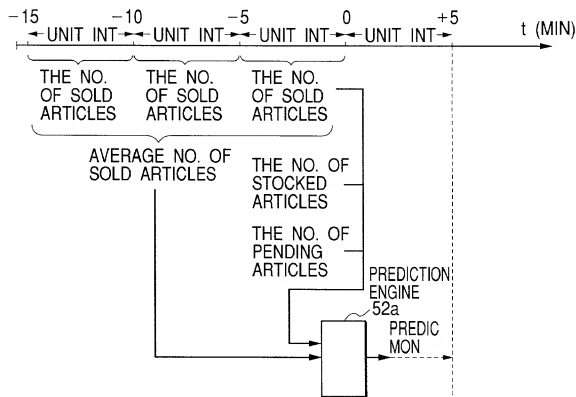


FIG. 3

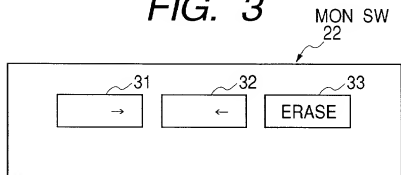
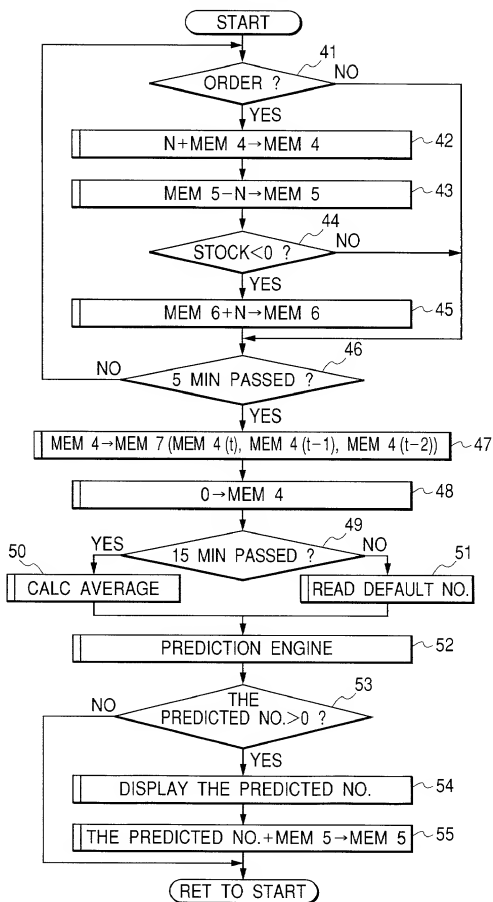
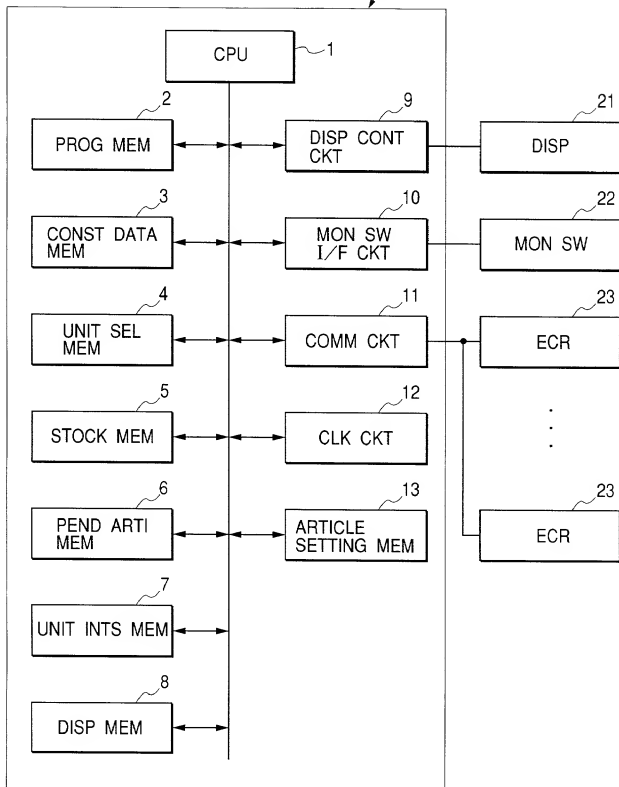


FIG. 4



*FIG. 5*

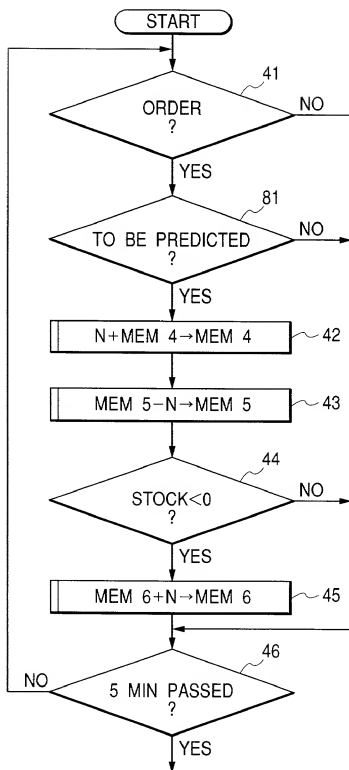
DISP 21			
PREDICTION	PREDICTION	PREDICTION	
6 HAMBURGER	2 M NUGGET	2 S COLA	
2 CHEESEBURGER	1 L NUGGET	3 M COLA	
1 BIG HAMBURGER	6 M FRY		
3 S FRY	1 L FRY		

**FIG. 6**KITCHEN VIDEO  
CONT  
20A

**FIG. 7**

ARTICLE SETTING MEM

ARTICLE NAME	PREDICTION CONT FLG
HAMBURGER	1
BIGBURGER	1
CHEESEBURGER	1
FRY	1
S POTATO	1
M POTATO	1
L POTATO	1
S NUGGET	1
M NUGGET	1
L NUGGET	1
S COLA	0
M COLA	0
L COLA	0

**FIG. 8**

**FIG. 9**

ARTICLE SETTING MEMORY

ARTICLE NAME	AVERAGE
HAMBURGER	10
BIGBURGER	1
CHEESEBURGER	5
FRY	3
S POTATO	2
M POTATO	15
L POTATO	5
S NUGGET	1
M NUGGET	4
L NUGGET	2

**FIG. 10**

ARTICLE SETTING MEMORY

ARTICLE NAME	AVERAGE	
	WEEKDAYS	HOLIDAY
HAMBURGER	10	15
BIGBURGER	1	3
CHEESEBURGER	5	9
FRY	3	6
S POTATO	2	3
M POTATO	15	25
L POTATO	5	8
S NUGGET	1	4
M NUGGET	4	6
L NUGGET	2	3



FIG. 11

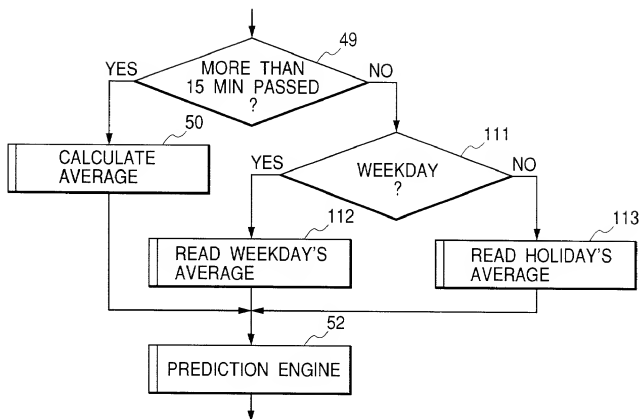


FIG. 12

ARTICLE SETTING MEMORY	
ARTICLE NAME	MAX
HAMBURGER	60
BIGBURGER	30
CHEESEBURGER	60
FRY	40
S POTATO	80
M POTATO	80
L POTATO	80
S NUGGET	40
M NUGGET	30
L NUGGET	25

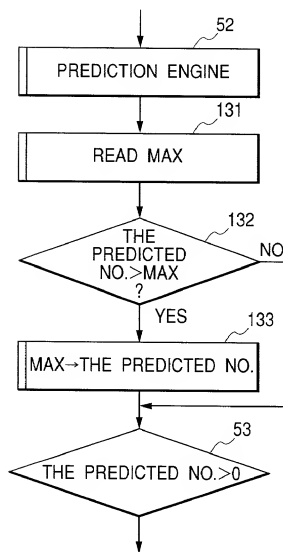
*FIG. 13*

FIG. 14

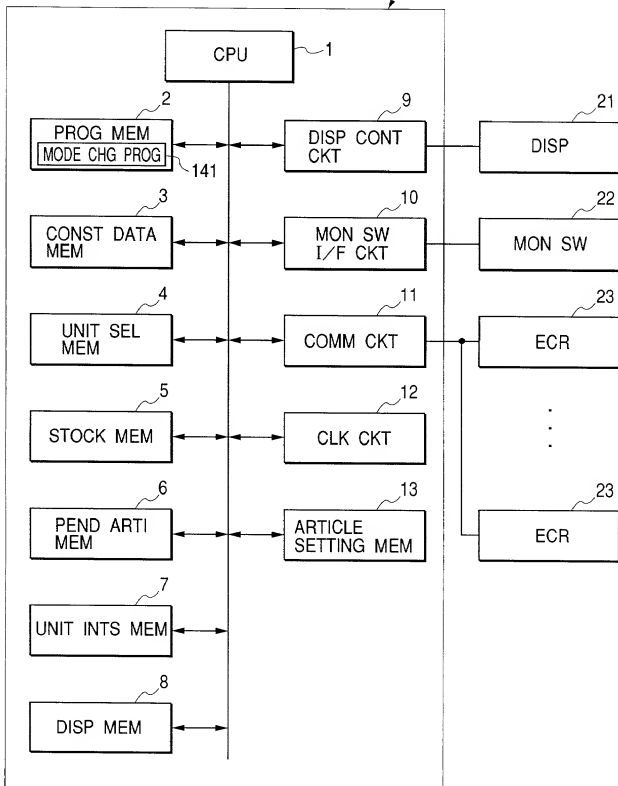
KITCHEN VIDEO  
CONT  
20B

FIG. 15

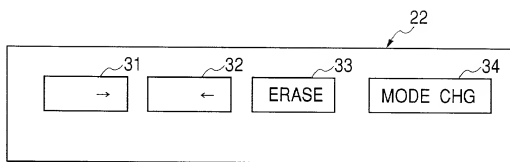


FIG. 16

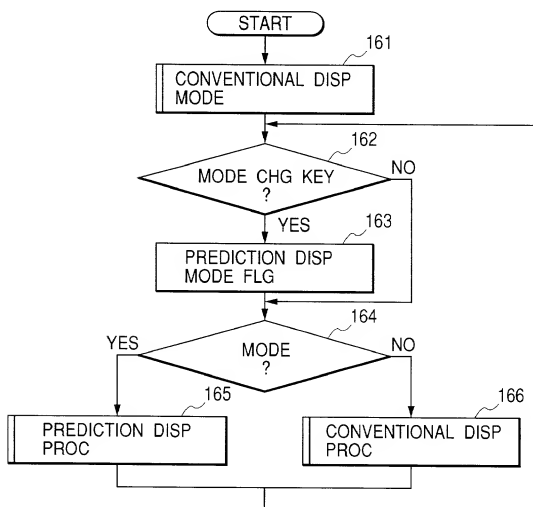
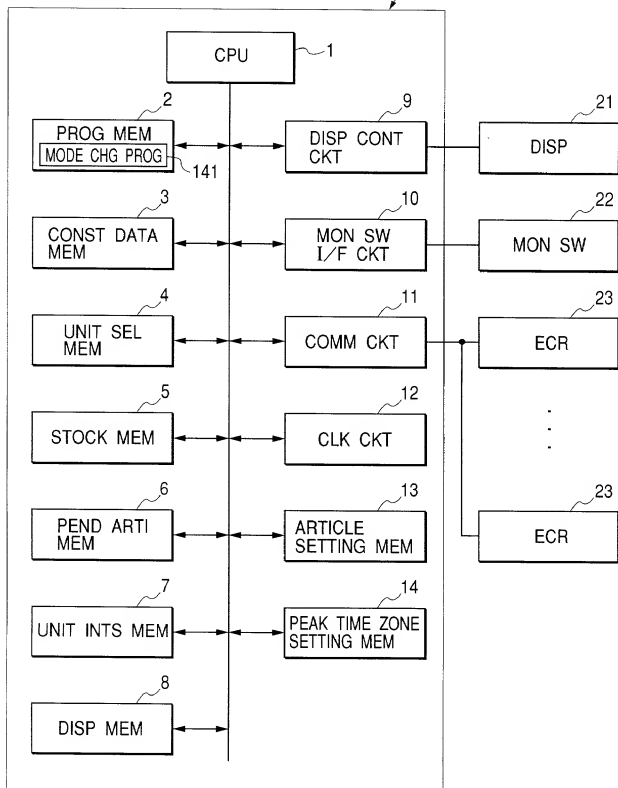
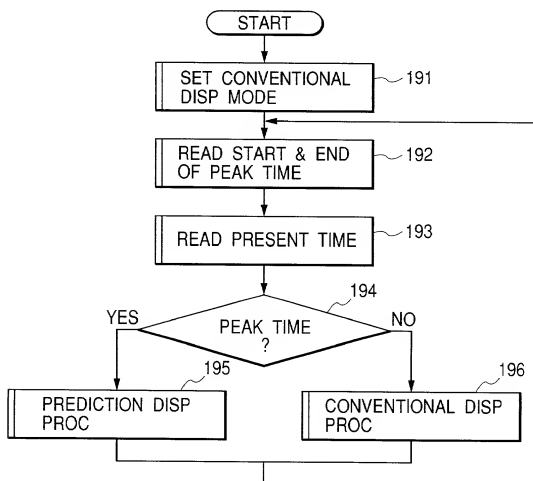


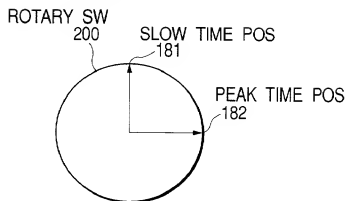
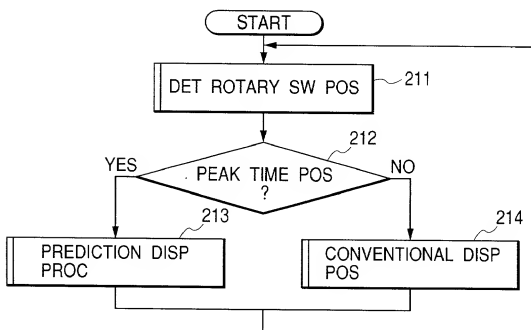
FIG. 17

KITCHEN VIDEO  
CONT  
20C

**FIG. 18**

START TIME OF PEAK TIME	11:00
END TIME OF PEAK TIME	14:00

**FIG. 19**

**FIG. 20****FIG. 21****FIG. 22**

WEEKDAY'S PEAK TIME ZONE	11:30~13:30
HOLIDAY'S PEAK TIME ZONE	11:00~14:30

FIG. 23

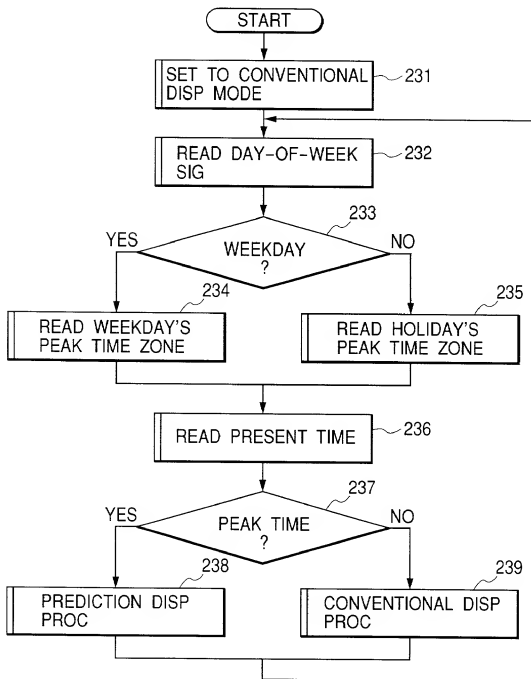




FIG. 24A

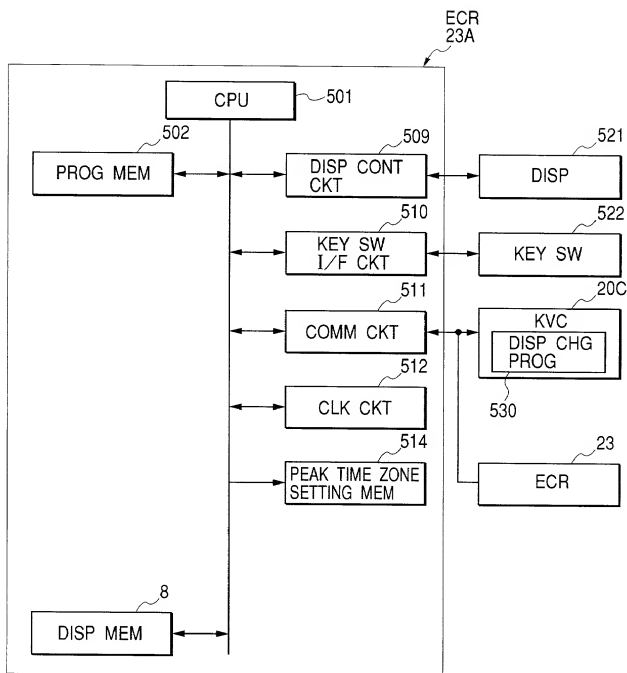


FIG. 24B

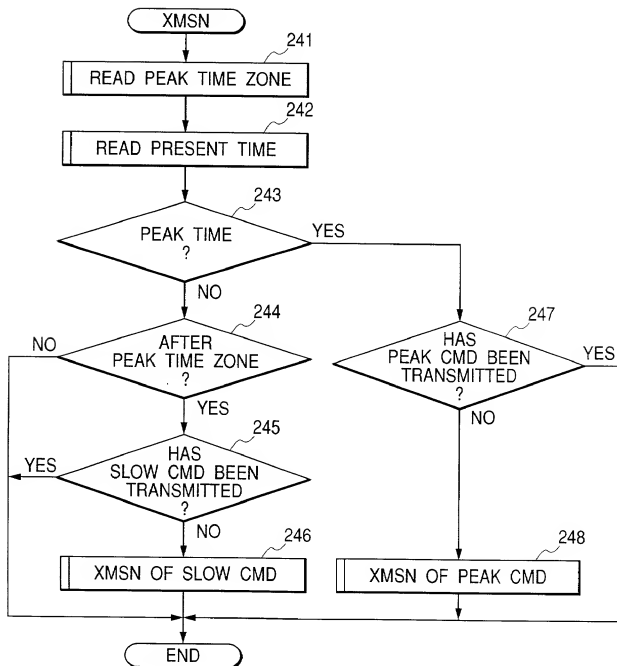


FIG. 25

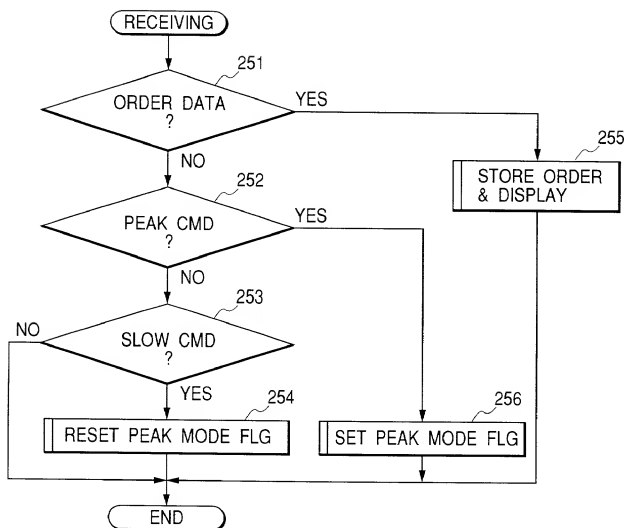


FIG. 26

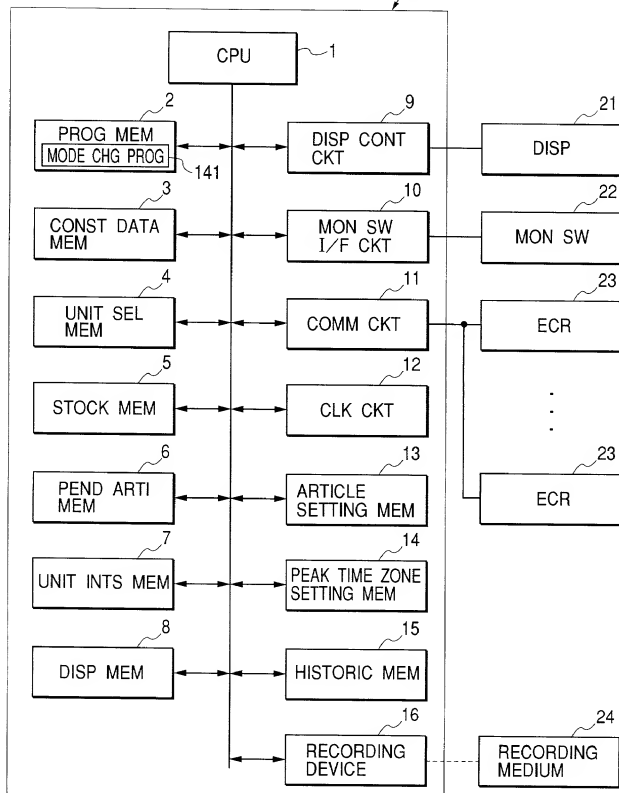
KITCHEN VIDEO  
CONT  
20D

FIG. 27

15

UNIT INT	THE NO. OF STOCKS	THE NO. OF PENDING ARTICLES	THE NO. OF SOLD ARTICLES	THE NO. OF PRODUCTIONS
8:01-8:05	0	0	2	3
8:06-8:10	1	0	4	5
8:11-8:15	2	1	3	4
8:16-8:20	1	0	5	4
8:21-8:25	0	0	5	5
:				
:				
21:21-21:25	1	0	1	1
21:26-21:30	0	1	15	0

FIG. 28

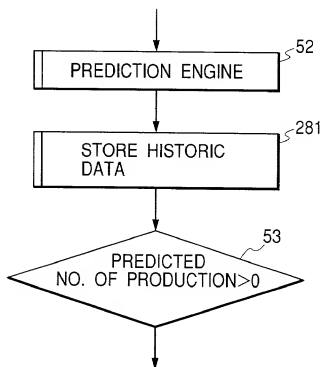


FIG. 29A

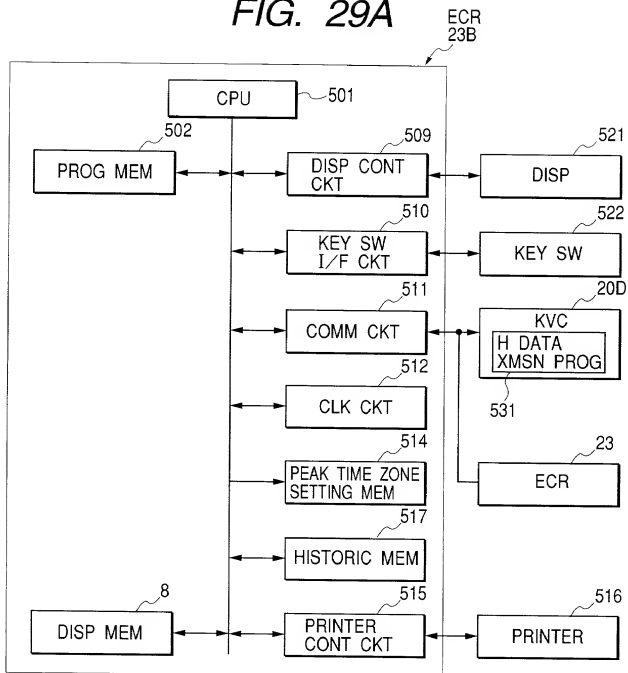
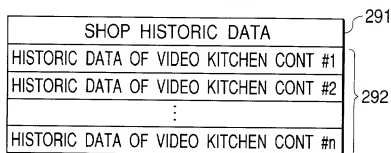


FIG. 29B



**FIG. 30**

REPORT OF HISTORIC DATA OF VIDEO KITCHEN CONT #1					
UNIT INT	THE NO. OF STOCKS	THE NO. OF PENDING ARTICLES	THE NO. OF SOLD ARTICLES	THE NO. OF ORDERED PRODUCTS	ERROR
8:01-8:05	0	0	2	3	1
8:06-8:10	1	0	4	5	1
8:11-8:15	2	1	3	4	1
8:16-8:20	1	0	5	4	-1
8:21-8:25	0	0	5	5	0
...					

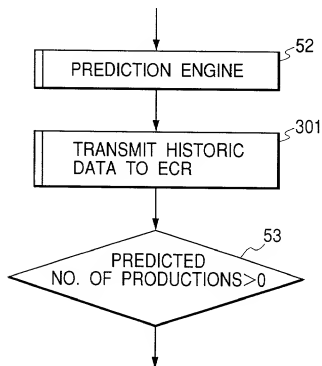
**FIG. 31**

FIG. 32

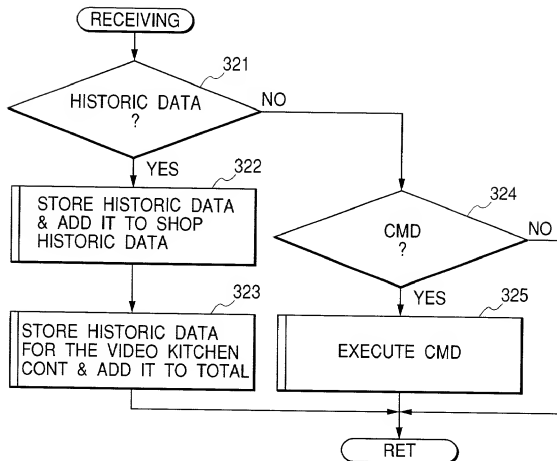


FIG. 33

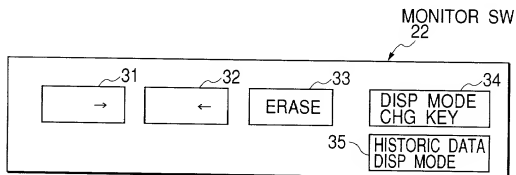




FIG. 34

DISP  
21

UNIT INT	THE NO. OF STOCKS	THE NO. OF PENDING ARTICLES	THE NO. OF SOLD ARTICLES	THE NO. OF PRODUCTIONS
8:01-8:05	0	0	2	3
8:06-8:10	1	0	4	5
8:11-8:15	2	1	3	4
8:16-8:20	1	0	5	4
8:21-8:25	0	0	5	5
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮

FIG. 35

ARTICLE SETTING MEMORY

ARTICLE NAME	GROUP CODE
HAMBURGER	1
BIGBURGER	1
CHEESEBURGER	1
FRY	4
S POTATO	3
M POTATO	3
L POTATO	3
S NUGGET	2
M NUGGET	2
L NUGGET	2
S COLA	5
M COLA	5
L COLA	5

FIG. 36

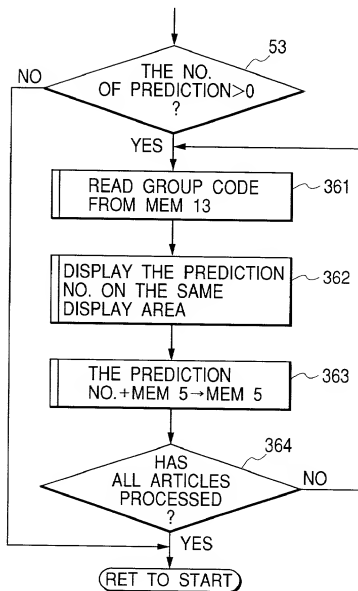


FIG. 37

DISP  
21

PREDICTION	PREDICTION	PREDICTION	
6 HAMBURGER	2 M NUGGET	3 S FRY	
2 CHEESEBURGER	1 L NUGGET	6 M FRY	
1 BIGBURGER		1 L FRY	
(FOR GROUP CODE 1)	(FOR GROUP CODE 2)	(FOR GROUP CODE 3)	

FIG. 38

ARTICLE SETTING MEMORY

13

ARTICLE NAME	TIME LIMIT (MIN)
HAMBURGER	10
BIGBURGER	10
CHEESEBURGER	10
FRY	10
S POTATO	5
M POTATO	5
L POTATO	5
S NUGGET	10
M NUGGET	10
L NUGGET	10
S COLA	0
M COLA	0
L COLA	0

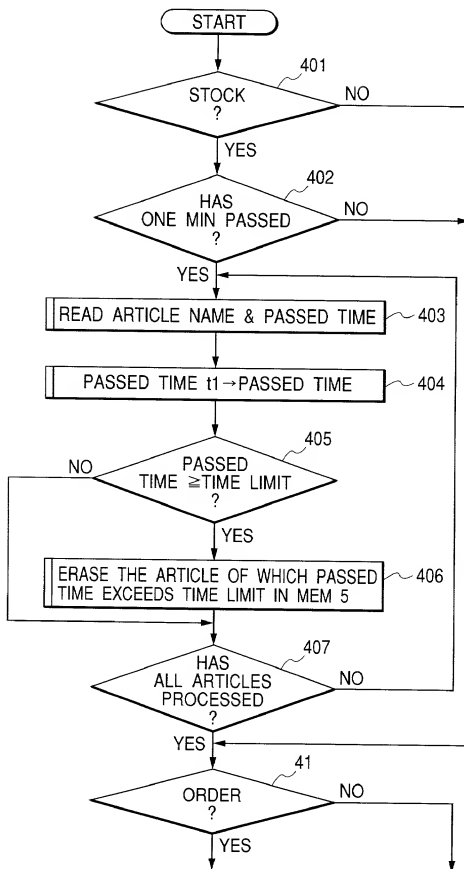
*FIG. 39*

STOCK MEMORY

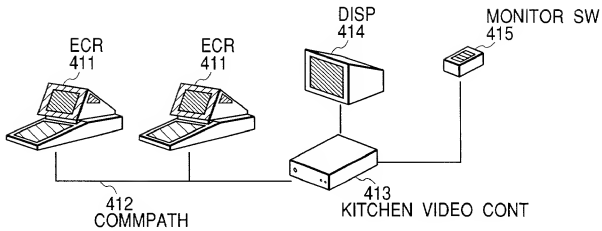
5

ARTICLE NAME	THE NO. OF STOCKS	PASSED TIME (MIN)
HAMBURGER	5	7
BIGBURGER	3	2
CHEESEBURGER	0	0
FRY	0	0
S POTATO	1	0
M POTATO	4	3
L POTATO	1	2
S NUGGET	0	0
M NUGGET	3	0
L NUGGET	0	0
S COLA	0	0
M COLA	0	0
L COLA	0	0

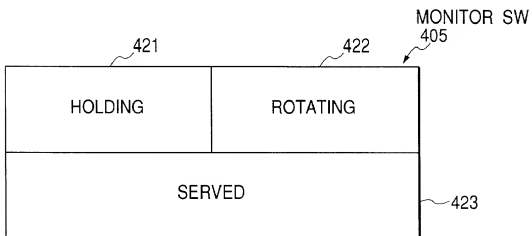
FIG. 40



**FIG. 41**  
**PRIOR ART**



**FIG. 42**  
**PRIOR ART**



**FIG. 43**  
**PRIOR ART**

#0103	#0104	#0105	
2 HAMBURGER	2 NUGGET	1 HAMBURGER	
2 CHEESEBURGER	1 S FRY	1 CHEESEBURGER	
1 L FRY	2 CHEESEBURGER	1 M FRY	
3 TEA	1 HAMBURGER	1 COLA	
	2 COLA		

**FIG. 44**  
**PRIOR ART**

#0104	#0105		
2 NUGGET	1 HAMBURGER		
1 S FRY	1 CHEESEBURGER		
2 CHEESEBURGER	1 M FRY		
1 HAMBURGER	1 COLA		
2 COLA			